

**REMARKS**

This preliminary amendment is submitted prior to the issuance of a first office action in the subject application. By this amendment, claims 1 and 4 have been amended and new claims 12-17 have been added to more particularly recite that which applicants regard as their invention. Claims 2, 3, and 5-11 have been cancelled.

Support for the recitations pertaining to claim 1 are found in Figs. 3A and 4, in the specification on page 9, lines 5-8 and lines 17-23, and in the amendment to the specification on page 9, line 21 as requested by applicants in the RESPONSE TO OFFICE ACTION (FINAL) filed on 29 April 1998.

Support for the recitations pertaining to claim 4 are found in Fig. 4, in the specification on page 10, lines 5-8, and in the amendment to the specification on page 9, line 23 as requested by applicants in the RESPONSE TO OFFICE ACTION (NON-FINAL) filed on 13 January 1998.

Support for the recitations pertaining to claim 12 are found in Fig. 7 and in the specification on page 12, lines 4-25 and page 13, lines 1-9.

Support for the recitations pertaining to claims 13-17 are found in Figs. 4-8.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "**VERSION WITH MARKINGS TO SHOW CHANGES MADE.**"

Respectfully submitted,

*Celia C. Dunham* 07 Jun 02  
Celia Cruz Dunham  
PTO Registration No. 49,041

VERSION WITH MARKINGS TO SHOW CHANGES MADEClaims

1 1. (Twice Amended) A fault tolerant liquid crystal display[, ] comprising:  
2 a polarizer for coupling to a beam of incident light to polarize the beam of light with  
3 respect to a polarization angle;  
4 a [pixel sequence] plurality of liquid crystal display regions operably coupled to the  
5 polarizer [comprising multiple liquid crystal display pixels aligned collinearly along the beam of  
6 polarized light for varying the polarization angle]; [and]  
7 a plurality of pixels arrayed on each of the liquid crystal display regions, each pixel  
8 having a collinear one-to-one correspondence with a pixel on an adjacent liquid crystal display  
9 region;  
10 an analyzer coupled to the plurality of liquid crystal display regions and the polarizer  
11 [and the pixel sequence] to pass a gray-scale portion of the beam of polarized light transmitted  
12 [from the pixel sequence] as a function of the polarization angle[.]; and  
13 a means to control gray-scale on at least one of the pixels on at least one of the liquid  
14 crystal display regions.

1 4. (Twice Amended) The liquid crystal display of claim [2] 1 wherein the gray-scale control  
2 means includes an electronically programmable driver and interface circuitry [for calibrating the  
3 pixel sequence to a gray-scale standard] formed on at least one of the liquid crystal display  
4 regions.